

## Proposal Full View

[Print](#)

### Applicant Information

Organization Name Santa Margarita Water District - \*

Tax ID 72528813

Proposal Name Santa Margarita Water District Prop 1E Gobernadora Multipurpose Basin Project Grant Proposal \*

Proposal Objective The Santa Margarita Water District (SMWD), in partnership with Ranch Mission Viejo, LLC (RMV), the County of Orange, and Orange County Parks (OC Parks) is proposing to construct the Gobernadora Multipurpose Basin Project (Project) in the South Orange County Watershed Management Area (WMA). The Project will consist of an urban runoff and storm/flood detention basin that will be established as a wetland and riparian habitat, a collection system to capture and divert flows from the constructed wetlands, a pump station and pipeline to connect to the existing Portola Reservoir system. The Basin will be utilized to reduce storm peak flows by flood storage, divert and naturally treat urban runoff and storm flows to 1) reduce downstream erosion and sedimentation, 2) address excessive surface water and groundwater, and 3) improve the water quality in the Gobernadora Creek and San Juan Creek, including the downstream Gobernadora Ecological Restoration Area (GERA). The Gobernadora Multi-Purpose Basin Project includes facilities for stormwater flood management, water quality, drainage peak flow retarding, Regional Riding and Hiking Trail, and non-potable water extraction/recycling. SMWD is the project lead and project partners include the County of Orange, OC Parks, and RMV. The Project is supported by the members of the South Orange County Integrated Regional Management (IRWM) Group, formed in 2005, and is included in the adopted South Orange County IRWM Plan. \*

### Budget

Other Contribution	\$2,000,000.00
Local Contribution	\$7,009,085.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested	\$5,000,000.00 *
Total Project Cost	\$14,009,085.00 *

### Geographic Information

Latitude \* DD(+/-) 33 MM 53 SS 59

Longitude \* DD(+/-) -117 MM 58 SS 59

Longitude/Latitude Clarification Lat 33.548, Long - 117 642

Location South Orange County WMA

County Orange \*

Ground Water Basin San Juan Valley

Hydrologic Region South Coast

Watershed San Juan Valley Watershed

### Legislative Information

Assembly District 70th Assembly District, 71st Assembly District, 73rd Assembly District \*

Senate District 33rd Senate District, 35th Senate District, 38th Senate District \*

US Congressional District District 42 (CA), District 44 (CA), District 48 (CA) \*

## Project Information

### Project Benefits Information

Project Name Gobernadora MultiPurpose Basin Project

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Flood Protection	0	Attenuation of storm flows (flood control) and reduction of soil erosion and sedimentation.
Secondary	Watershed Protection- Water Quality Improvement	0	Reduce urban runoff to lower Gobernadora and San Juan Creek.
Tertiary	Water and Sediment Quality-Other	105	Restoration of Gobernadora Creek and a reduction in total coliform, Biological Oxygen Demand (BOD), total solids, ammonia, nitrogen and phosphates utilizing natural vegetated treatment methods instead of

			chemicals.
Quaternary	Stormwater Flood-Water Quality Improvement	0	Protection of beneficial uses of the San Juan Valley Watershed, including contact and non-contact recreation, cold and warm freshwater habitat, and wildlife habitat.
Quinary	Stormwater Flood-Water Supply Enhancement	750	Capture and reuse of surface water and storm flows with potential infiltration into groundwater basin.
Septary	Trail construction/Improvement	0.50	Construct Regional Riding and Hiking Trail to connect Thomas F. Riley Park to Caspers Wilderness Regional Park

**Budget**

Other Contribution	2000000
Local Contribution	7009085
Federal Contribution	0
Inkind Contribution	0
Amount Requested	5000000
Total Project Cost	14009085

**Geographic Information**

Latitude DD(+/-)	33	MM 53	SS 59
Longitude DD(+/-)	-117	MM 58	SS 59
Longitude/Latitude Clarification	Lat 33.548, Long -117.6		Location
			South Orange County V
County	Orange		
Ground Water Basin	San Juan Valley		
Hydrologic Region	South Coast		
WaterShed	San Juan Valley Watershed		

**Legislative Information**

Assembly District	70th Assembly District,71st Assembly District,73rd Assembly District
Senate District	33rd Senate District,35th Senate District,38th Senate District
US Congressional District	District 42 (CA),District 44 (CA),District 48 (CA)

**Section : Applicant Information Question Tab****APPLICANT INFORMATION QUESTION TAB****Q1. PROPOSAL DESCRIPTION**

Provide a brief abstract of the Proposal, including a listing of individual project titles or types.

The Santa Margarita Water District (SMWD), in partnership with Ranch Mission Viejo, LLC (RMV), the County of Orange, and Orange County Parks (OC Parks) is proposing to construct the Gobernadora Multipurpose Basin Project (Project) in the South Orange County Watershed Management Area (WMA). The Project includes development of the following: ??? urban runoff water quality basin to improve water quality for downstream riparian and wetlands areas ??? storm water detention basin to protect downstream wetlands and riparian habitat from further erosion and deposition damage ??? collection system to capture and harvest drainage flows for recycled water use in the existing Portola Reservoir ??? regional trail link for overall trail connection from Thomas F. Riley Park to Caspers Wilderness Regional Park The Basin will be utilized to reduce storm peak flows by flood storage, divert and naturally treat urban runoff and storm flows to 1) reduce downstream erosion and sedimentation, 2) provide harvesting of excess surface water and groundwater, and 3) improve the water quality in the Gobernadora Creek and San Juan Creek, including the downstream Gobernadora Ecological Restoration Area (GERA). The Project is supported by the members of the South Orange County Integrated Regional Management (IRWM) Group, formed in 2005 as part of the adopted South Orange County IRWM Plan.

**Q2. PROJECT DIRECTOR**

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Dan Ferons - Chief Engineer, Santa Margarita Water District. Email: Danf@smwd.com Phone: (949) 459-6590 Fax: (949) 459-6582.

**Q3. PROJECT MANAGEMENT**

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Dan Ferons - Chief Engineer, Santa Margarita Water District. Email: Danf@smwd.com Phone: (949) 459-6590 Fax: (949) 459-6582.

**Q4. APPLICANT INFORMATION**

Provide the agency name, address, city, state, and zip code of the applicant submitting the application. Also provide the name and contact information of the person filling out the online application.

Santa Margarita Water District. 26111 Antonio Parkway, Rancho Santa Margarita, CA 92688. Dan Ferons - Chief Engineer, Santa Margarita Water District. Email: Danf@smwd.com Phone: (949) 459-6590 Fax: (949) 459-6582.

**Q5. ADDITIONAL INFORMATION**

Provide the funding area(s) in which projects are located.

[http://www.water.ca.gov/irwm/integregio\\_fundingarea.cfm](http://www.water.ca.gov/irwm/integregio_fundingarea.cfm)

South Orange County Watershed Management Area within the San Diego Sub-Region.

**Q6. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD (S)**

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

[http://www.waterboards.ca.gov/waterboards\\_map.shtml](http://www.waterboards.ca.gov/waterboards_map.shtml)

Region 9 - San Diego Regional Water Quality Control Board.

**Q7. ELIGIBILITY**

Is the application from an IRWM planning region approved in the RAP (See Section II B, Table 1)? If yes, include the name of the IRWM planning region. If not, explain.

Yes, South Orange County Watershed Management Area.

**Q8. ELIGIBILITY**

Is the applicant a local agency or non-profit organization as defined in Appendix B of the Grant Guidelines?

Yes, Santa Margarita Water District is a local agency as defined in Appendix B of Grant Guidelines.

**Q9. ELIGIBILITY**

List the urban water suppliers that will receive funding from the proposed grant. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420. If there are none, so indicate and you do not have to answer Q10 and Q11.

Santa Margarita Water District

**Q10. ELIGIBILITY**

Have all of the urban water suppliers, listed in Q9 above, submitted complete 2005 Urban Water Management Plans (UWMP) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP. Will all of the urban water suppliers listed in Q9, along with any additional urban water suppliers that meet the urban water supplier definition threshold for the first time, submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement? If not, explain.

Yes, SMWD submitted complete 2005 Urban Water Management Plan (UWMP) to DWR. Yes, the plan has been verified as complete by DWR. Yes, SMWD will submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement. 2010 UWMP anticipated for completion in June 2011.

**Q11. ELIGIBILITY**

Have any urban water suppliers listed in Q9 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program within the past three months? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the Guidelines for additional information.

No.

**Q12. ELIGIBILITY**

Does the Proposal include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts? If so, provide the name(s) of the project (s) and list the agency(ies) that will implement the project(s).

Yes, a component of the Gobernadora Multipurpose Basin Project includes proposed infiltration/recharge into the San Juan Valley groundwater basin.

**Q13. ELIGIBILITY**

For the agency(ies) listed in Q12, how has the agency complied with CWC §10753 regarding GWMPs, as described in Section IIIB of the Grant Guidelines?

The San Juan Basin Authority oversees groundwater management for the San Juan Valley groundwater basin. The San Juan Basin Groundwater Management and Facility Plan, 1994 and the Groundwater Management and Facility Plan, Revised Hydrology Report, 1995 were previously adopted. As part of the South Orange County WMA IRWM Plan Update currently taking place, a groundwater management and facility plan will be completed and incorporated into the Plan by April 15, 2012.

**Q14. ELIGIBILITY**

Does the applicant have a Stormwater Resources Plan developed pursuant to Part 2.3 (commencing with Section 10560) of Division 6 of the Water Code, or an IRWM Plan that includes the Stormwater Resources Plan requirements specified in Section 10562 of the Water Code? Please answer yes or no. If yes, please answer Question 15 or 16, as applicable.

- a) ☐ Yes  
b) ☒ No

**Q15:**  
**ELIGIBILITY**

---

For applicants with a Stormwater Resources Plan, does that Plan meet the standards set forth in Part 2.3 of Division 6 of the CWC? If yes, provide attachment 13.

- a) ☐ Yes  
b) ☐ No

**Q16:**  
**ELIGIBILITY**

---

For applicants with an IRWM Plan, does that Plan include the Stormwater Resources Plan requirements specified in Section 10562 of the CWC? If yes, provide attachment 13.

- a) ☐ Yes  
b) ☐ No

**NOTES TO BMS**  
**ADMINISTRATOR**

---

Provide notes about any potential problems you may have had with BMS that are particular to your application.

## Section : Application Attachments Tab

### APPLICATION ATTACHMENTS TAB

**ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY**  
**REQUIREMENTS**

---

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att1\_SWF\_Eligible\_1 of 2.doc

Upload additional Authorization and Eligibility documentation here.  
Last Uploaded Attachments: Att1\_SWF\_Eligible\_2of 2.pdf

Upload additional Authorization and Eligibility documentation here. Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here.

**ATTACHMENT 2: ADOPTED PLAN AND PROOF OF FORMAL**  
**ADOPTION**

---

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att2\_SWF\_Adopt\_1 of 2.doc

Upload additional Proof of Formal Adoption documentation here. Upload additional Proof of Formal Adoption documentation here.  
Last Uploaded Attachments: Att2\_SWF\_Adopt\_2 of 2.pdf

Upload additional Proof of Formal Adoption documentation here. Upload additional Proof of Formal Adoption documentation here.

**ATTACHMENT**  
**3: WORK PLAN**

---

Upload the Work Plan here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att3\_SWF\_WorkPlan\_1of4.doc

Upload additional work plan components here.  
Last Uploaded Attachments: Att3\_SWF\_WorkPlan\_2of4.pdf

Upload additional work plan components here. Upload additional work plan components here.  
Last Uploaded Attachments: Att3\_SWF\_WorkPlan\_3of4.pdf Last Uploaded Attachments: Att3\_SWF\_WorkPlan\_4of4.pdf

Upload additional work plan components here.

**ATTACHMENT 4:**  
**BUDGET**

---

Upload the Budget here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att4\_SWF\_Budget\_1 of 2.doc

Upload additional budget components here. Upload additional budget components here.  
Last Uploaded Attachments: Att4\_SWF\_Budget\_2of2.doc

Upload additional budget components here. Upload additional budget components here.

#### **ATTACHMENT 5: SCHEDULE**

---

Upload the Schedule here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att5\_SWF\_Schedule\_1of1.pdf

Upload additional schedule components here.

Upload additional schedule components here. Upload additional schedule components here.

Upload additional schedule components here.

#### **ATTACHMENT 6: MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES**

---

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att6\_SWF\_Measures\_1 of 1.doc

Upload additional Monitoring, Assessment, and Performance Measures here. Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here. Upload additional Monitoring, Assessment, and Performance Measures here.

#### **ATTACHMENT 7: ECONOMIC ANALYSIS - FLOOD DAMAGE REDUCTION COSTS AND BENEFITS**

---

Upload Economic Analysis - Flood Damage Reduction Costs and Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att7\_SWF\_DReduc\_1 of 2.doc

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.  
Last Uploaded Attachments: Att7\_SWF\_DReduc\_2of2.pdf

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here. Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

#### **ATTACHMENT 8: ECONOMIC ANALYSIS - WATER SUPPLY COSTS AND BENEFITS**

---

Upload Economic Analysis - Water Supply Costs and Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att8\_SWF\_WSBen\_1 of 2.doc

Upload additional - Water Supply Costs and Benefits documentation here. Upload additional - Water Supply Costs and Benefits documentation here.  
Last Uploaded Attachments: Att8\_SWF\_WSBen\_2of2.pdf

Upload additional - Water Supply Costs and Benefits documentation here. Upload additional - Water Supply Costs and Benefits documentation here.

### **Section : Application Attachments Tab (cont)**

#### **APPLICATION ATTACHMENTS TAB (CONT)**

#### **ATTACHMENT 9: WATER QUALITY AND OTHER EXPECTED BENEFITS**

---

Upload Water Quality and Other Expected Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).  
Last Uploaded Attachments: Att9\_SWF\_WQOtherBen\_1 of 2.doc

Upload additional Water Quality and Other Expected Benefits documentation here.

Last Uploaded Attachments: Att9\_SWF\_WQOtherBen\_2of2.pdf

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

#### **ATTACHMENT 10: COSTS AND BENEFITS SUMMARY**

---

Upload Costs and Benefits Summary here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att10\_SWF\_CBSummary\_1 of 1.doc

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

#### **ATTACHMENT 11: PROGRAM PREFERENCES**

---

Upload Program Preference documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att11\_SWF\_Preference\_1 of 1.doc

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

#### **ATTACHMENT 12: AB1420 AND WATER METER COMPLIANCE INFORMATION**

---

Upload AB1420 and Water Meter Compliance Information here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Upload additional AB1420 and Water Meter Compliance documentation here.

Upload additional AB1420 and Water Meter Compliance documentation here.

Upload additional AB1420 and Water Meter Compliance documentation here.

Upload additional AB1420 and Water Meter Compliance documentation here.

#### **ATTACHMENT 13: STORMWATER RESOURCES PLAN**

---

This attachment is only necessary if the applicant has an existing Stormwater Resources Plan, pursuant (commencing with Section 10560) of Division 6 of the Water Code and answered "yes" to Q15 or Q16.

The summary text must be no more than 5 pages in length using a minimum of 10-point type font. Excerpts from the Plan must not exceed 15 pages.

Attachment 13 must provide the following:

Identify and include portions of the applicable Plan that demonstrate all of the standards of Part 2.3 (commencing with Section 10560) of Division 6 of the CWC.

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.